

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Brownlie, et al.  
App. No : 10/522,513  
Filed : June 22, 2006  
For : CANINE RESPIRATORY  
CORONAVIRUS (CRCV) SPIKE  
PROTEIN, POLYMERASE AND  
HEMAGGLUTININ/ESTERASE  
Examiner : Benjamin Blumel  
Art Unit : 1648  
Conf No. : 3443

AMENDMENT AFTER FINAL**Mail Stop AF**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action sent October 19, 2009, Applicants respectfully request the Examiner to enter the following amendments and consider the following arguments.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.